TOC Modeling Breakout Session

- **Co-Chairs:**

  Jim Caudle, CH-47 PM

  Bob Young, CEAC

- **Presentations:**
  - Bernie Price, CECOM
  - Dr. Lew Fichter, Tecolote
- **Breakout Group Composition:**

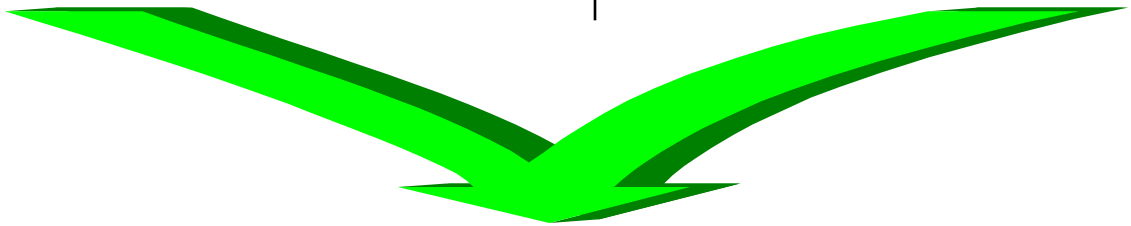
  Government: 20

  Industry: 14

An Equal Partner in M&S

Models Recap

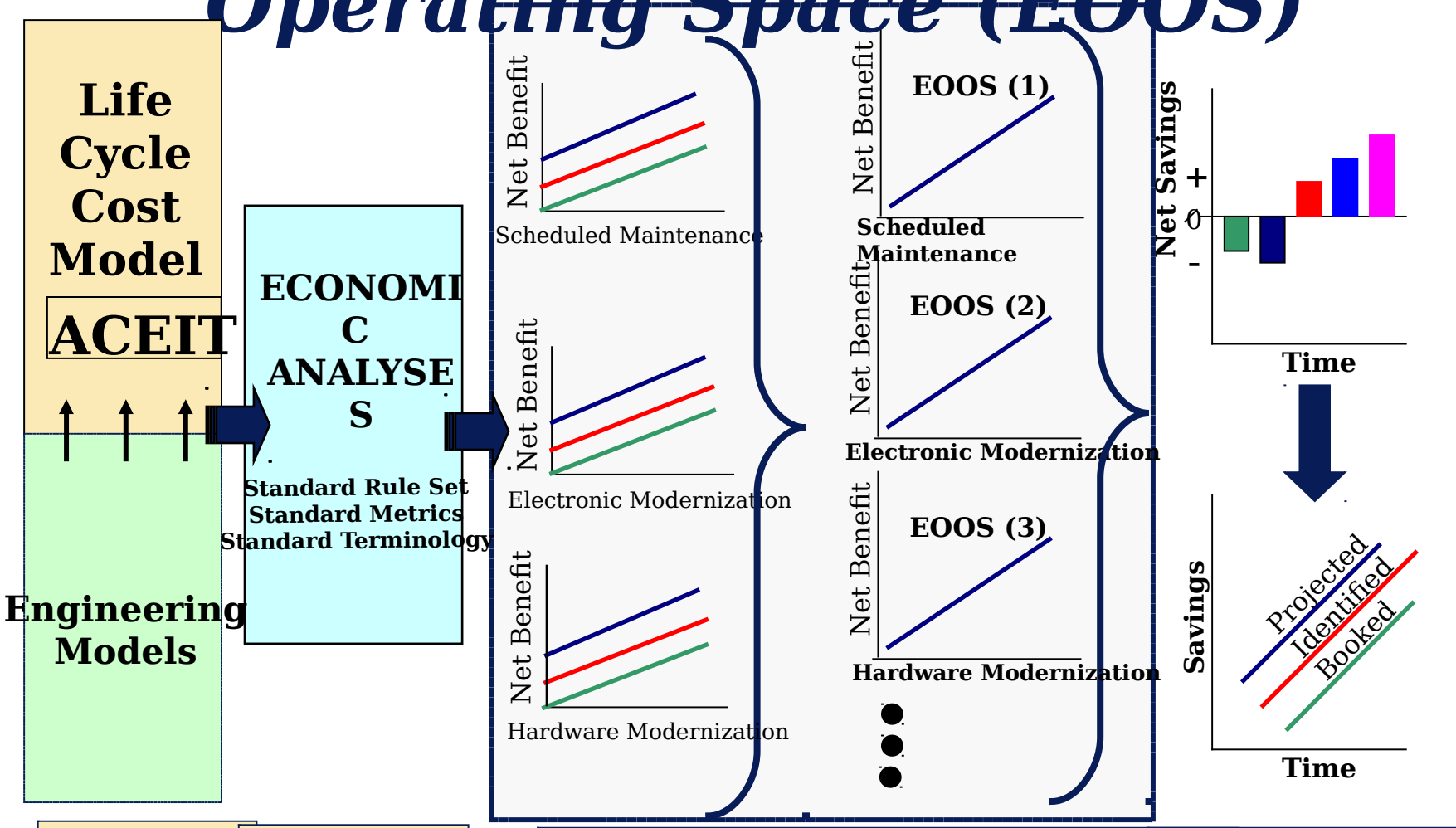
Logistics Models		Cost Models	
COMPASS	Log | Cost	ACE IT	Log | Cost
TPCOMPASS	Log | Cost	LCET Standalone	Log | Cost



Integrated/Linked Models

Log | Cost

Economic Opportunity Operating Space (EOOS)



Modeling | Analysis | Synthesis - Management Tool Box | nagement Metrics

Summary Findings

- Consensus … Unclear Boundaries of TOC.
- Use and Knowledge of Life Cycle Management Tools Lacking.
- TOC M&S Immature.
  - need integrated engineering, cost & log models.
  - model outputs vs. enterprise management metrics.
  - tie to real data.
  - address legacy system issues.
  - adaptation to program instability and uncertainty.
- M&S for TOC needs increased emphasis (e.g., policy changes, education, cultural change, etc.).

Everyone has a different perspective.

Big Idea

- Continuously manage resources with the "Power of Facts".
  - Drive out cost uncertainty by continuously improving fidelity.
  - Be driven by engineering and logistics factors.
  - Use critical management metrics to balance ownership cost and readiness.
  - More adequately interface TOC M&S to real data.
  - Bring our data bases up to date and make them more comprehensive.

Not SEXY…But Just Gooood Business Practices.

Strategic Actions

- Educate, educate, educate.
  - Integrated Life Cycle Management Models.
  - Risk Management.
  - Boundaries of TOC.
- Emphasize the Continued Actions to Integrate LCC with Engineering and Logistics Models.
- Use Intelligent Agents and/or Other Information Technologies to efficiently

TOC Should Have Equal Emphasis in M&S.